BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE, PROJECT DIVISION

Name of Work: Improvements to roads and drains in Kodigehalli, Bhadrappa layout Devinagara and surroundings Ward No - 08

E I R L

Estimate Amount:- Rs 2,00,00,000/-
Approved Amount:- Rs 1,83,98,027.00/-
Name of Contractor:-Sri. S D Venkatesh Gowda
Tender premium:- 4.95% Above

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount in Rupees	Whether item alternate to item in the tender or whether they are additional item (if, in lieu of the same item in the accepted tender such items should be mentioned.	Whether the extra item is included in the sanctioned estimate.	How the extra cost of the item is proposed to be met	Whether the extra item is included in the Schedule of rates of the division, if not, data sheet should accompany the rate list.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E1	Removing and resetting of footpath slab	Sqm	266.17	219.16	58332.94	ADDITIONAL ITEM	No	General Savings	SR 2018-19 (P.No-279)	
E2	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1 Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	Cum	215.40	225.94	48667.48	ADDITIONAL ITEM	No	General Savings	(P.No-143,I No-19.1)	
E2	KSRRB M400-17, Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 Page No. 155/ Item No. 20.18/ PWD SR 2018-19)	Cum	215.40	2100.34	452413.24	ADDITIONAL ITEM	No	General Savings	MORTH Specification No. 406 Page No. 155/ Item No. 20.18/ PWD SR 2018-19)	
				TOTAL ERIL AMOUNT	559413.65					

Note: Percentage of Extra item over the sanctioned Estimate=Extra item amount over the approved amount/Amount Put to tender x 100

Total cost as per Approved Amount, Rs =	20605790.00
Total cost of EIRL Amount, Rs=	559413.65
Percentage of Worslip = EIRL Amount / Approved Amount X 100	
% of EIRL =	2.71

"EIRL APPROVED"

Contractor

Assistant Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

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BRUHATH BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE, PROJECT DIVISION
Work Slip: As per Std Tender Documents

Name of Work: Improvements to roads and drains in Kodigehalli, Bhadrappa layout Devinagara and surroundings Ward No - 08
Estimate Amount: 2,86,86,000/-
Name of Contractor: Sri. S D Venkatesh Gowda
Approved amount: 1,83,96,827.00/-
Tender premium: 4.95% above

Sl No.	Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above			Total Amount	excess amount	Savings amount	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amt	Qty.	Rates	Amt				
1	2	3	4	5	6	10	11	12	13	14	15	16	17	18	19	20
1	ESRRB 300 - Excavation for road, drains and similar works ESRRB 300-1 Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications MORTH / Chapter 3 (P.No-143, I.No-19.1)	Cum	1564.80	225.94	353550.91	1731.53	1731.53	225.94	391222.34	0.00	225.94	0.00	391222.34	37671.43	0.00	
2	ESRRB M2100-10 Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)	Cum	226.50	5690.28	1288848.42	237.98	237.98	5690.28	1354195.60	0.00	5690.28	0.00	1354195.60	65347.18	0.00	
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and down size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and botton including centring shuttering cost of material HOM of machinary curing etc., complete excluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)	Cum	493.80	7420.17	3664079.95	520.09	520.09	7420.17	3859188.01	0.00	7420.17	0.00	3859188.01	195108.06	0.00	
4	KSRRB - M2300-14 Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)	Tn	30.66	77654.86	2380898.01	31.58	31.58	77654.86	2452160.44	0.00	77654.86	0.00	2452160.44	71262.43	0.00	
6	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete, 10 cms thick. Page No. 27/ Item No. 5.31.2 PWD SR 2018-19	Sqm	120.00	1014.57	121748.40	528.62	150.00	1014.57	152185.50	378.62	1014.57	384131.42	536316.92	414568.52	0.00	
7	Providing One line dressing to granite stone slab/ granite stone masonry as per specification (P.No.26, I.No.5.17 of PW,P&IWTD SR 2018-19)	Sqm	120.00	997.89	119746.80	528.62	150.00	997.89	149683.50	378.62	997.89	377816.12	527499.62	407752.82	0.00	

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Sl. No.	Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above			Total Amount	excess amount	Savings amount	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt				
	2	3	4	5	6	10	11	12	13	14	15	16	17	18	19	20
1																
11	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per	Cum	682.29	5468.90	3731375.78	690.83	690.83	5468.90	3778081.55	0.00	5468.90	0.00	3778081.55	46705.77	0.00	
	Grand total				11660248.27				12136716.94			761947.54	12898664.48	1238416.21	0.00	

Note: Percentage of Workslip over the sanctioned Estimate=Excess amount over the approved amount/Amount Put to tender x 100

Approved Amount =	**20605790.00**
Excess Amount =	**1238416.21**
Savings Amount =	**0.00**

Percentage of Worslip = (Excess Amount / Approved Amount) X 100

Percentage of Worslip =	**6.01** %

Contractor

Assistant Engineer

Assistant Executive Engineer 8/11/2020

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

"WORK SLIP APPROVED"

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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BANGALORE MAHANAGARA PALIKE

surroundings

BRUHAT BANGALORE MAHANAGARA PALIKE
COMPARATIVE STATEMENT

Name of Work: Improvements to roads and drains in Kodigehalli, Bhadrappa layout Devinagara and surroundings Ward No - 08

Estimate Amount:- Rs 2,00,00,000/-
Approved Amount:- Rs 1,83,98,027.00/-
Name of Contractor:-Sri. S D Venkatesh Gowda
Tender premium:- 4.95% Above

Sl. No.	Description of Item	Unit	As per Tender (BOQ)			Executed as per actuals	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
1	2	3	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)	Cum	1564.80	225.94	353550.91	1731.53	1731.53	225.94	391222.34	0.00	225.94	0.00	391222.34	- 37671.43	0.00	
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs. with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)	Cum	226.50	5690.28	1288848.42	237.98	237.98	5690.28	1354195.60	0.00	5690.28	0.00	1354195.60	65347.18	0.00	
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)	Cum	493.80	7420.17	3664079.95	520.09	520.09	7420.17	3859188.01	0.00	7420.17	0.00	3859188.01	195108.06	0.00	

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SL. No.	Description of Item	Unit	As per Tender (BOQ)			Executed as per actuals	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
1	2	3	7	8	9	10	11	12	13	14	15	16	17	18	19	20
4	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)	Tn	30.66	77654.86	2380898.01	31.58	31.58	77654.86	2452160.44	0.00	77654.86	0.00	2452160.44	71262.43	0.00	
5	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	1080.00	2452.68	2648894.40	838.40	838.40	2452.68	2056318.33	0.00	2452.68	0.00	2056318.33	0.00	592576.07	
6	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete, 10 cms thick. Page No. 27/ Item No. 5.31.2 PWD SR 2018-19	Sqm	120.00	1014.57	121748.40	528.62	150.00	1014.57	152185.50	378.62	1014.57	384131.42	536316.92	414568.52	0.00	
7	Providing One line dressing to granite stone slab/ granite stone masonry as per speciication (P.No.26, I.No.5.17 of PW,P&IWTD SR 2018-19)	Sqm	120.00	997.89	119746.80	528.62	150.00	997.89	149683.50	378.62	997.89	377816.12	527499.62	407752.82	0.00	
8	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	77.10	5686.19	438405.25	8.40	8.40	5686.19	47764.00	0.00	5686.19	0.00	47764.00	0.00	390641.25	

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Sl. No.	Description of Item	Unit	As per Tender (BOQ)			Executed as per actuals	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
1	2	3	7	8	9	10	11	12	13	14	15	16	17	18	19	20
9	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 metrers, stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202.(I No-18.47,P No-140)	Cum	909.72	1021.60	929369.95	705.81	705.81	1021.60	721051.41	0.00	1021.60	0.00	721051.41	0.00	208318.54	
10	KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5, with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum	Cum	682.29	3988.20	2721108.98	529.83	529.83	3988.20	2113056.04	0.00	3988.20	0.00	2113056.04	0.00	608052.94	
11	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a	Cum	682.29	5468.90	3731375.78	690.83	690.83	5468.90	3778081.55	0.00	5468.90	0.00	3778081.55	46705.77	0.00	

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Sl. No.	Description of Item	Unit	As per Tender (BOQ)			Executed as per actuals	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
		3	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2				18398026.85				17074906.71			781547.54	17836454.25	1238416.21	1799588.80	
	EIRL															
E1	Removing and resetting of footpath slab	Sqm					266.17	219.16	58332.94				58332.94	58332.94	0.00	
E2	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)	Cum					215.40	225.94	48667.48				48667.48	48667.48	0.00	
E3	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 Page No. 155/ Item No. 20.18/ PWD SR 2018-19)	Cum					215.40	2100.34	452413.24				452413.24	452413.24	0.00	
	Sub Total								559413.65				18396267.91	1797829.87	1799588.80	
	Miscellaneous & Rounding off												1758.94	1758.94		
	Total				18398026.85								18398026.85	1799588.80	1799588.80	

Contractor

Assistant Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

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